

# Lean Aerospace Initiative



## ***Growing the Lean Community*** *An LAI Plenary Conference*

**Production Operations  
Transition-to-Lean**  
April 11, 2001

*Presented By:*  
Tom Shields  
MIT

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**Develop a transition to lean  
roadmap for production  
operations utilizing models  
which have been shared with  
us by LAI members and LAI  
researchers**

<b>John Crabill</b>	<b>– U.S. Air Force Research Lab</b>
<b>Don Meadows</b>	<b>– Lockheed Martin</b>
<b>Ron Milauskas</b>	<b>– Textron</b>
<b>Craig Miller</b>	<b>– Northrop Grumman</b>
<b>Tom Shields</b>	<b>– MIT - LAI</b>
<b>Brian Schwartz</b>	<b>– Pratt and Whitney</b>
<b>Bob Torrani</b>	<b>– Textron</b>

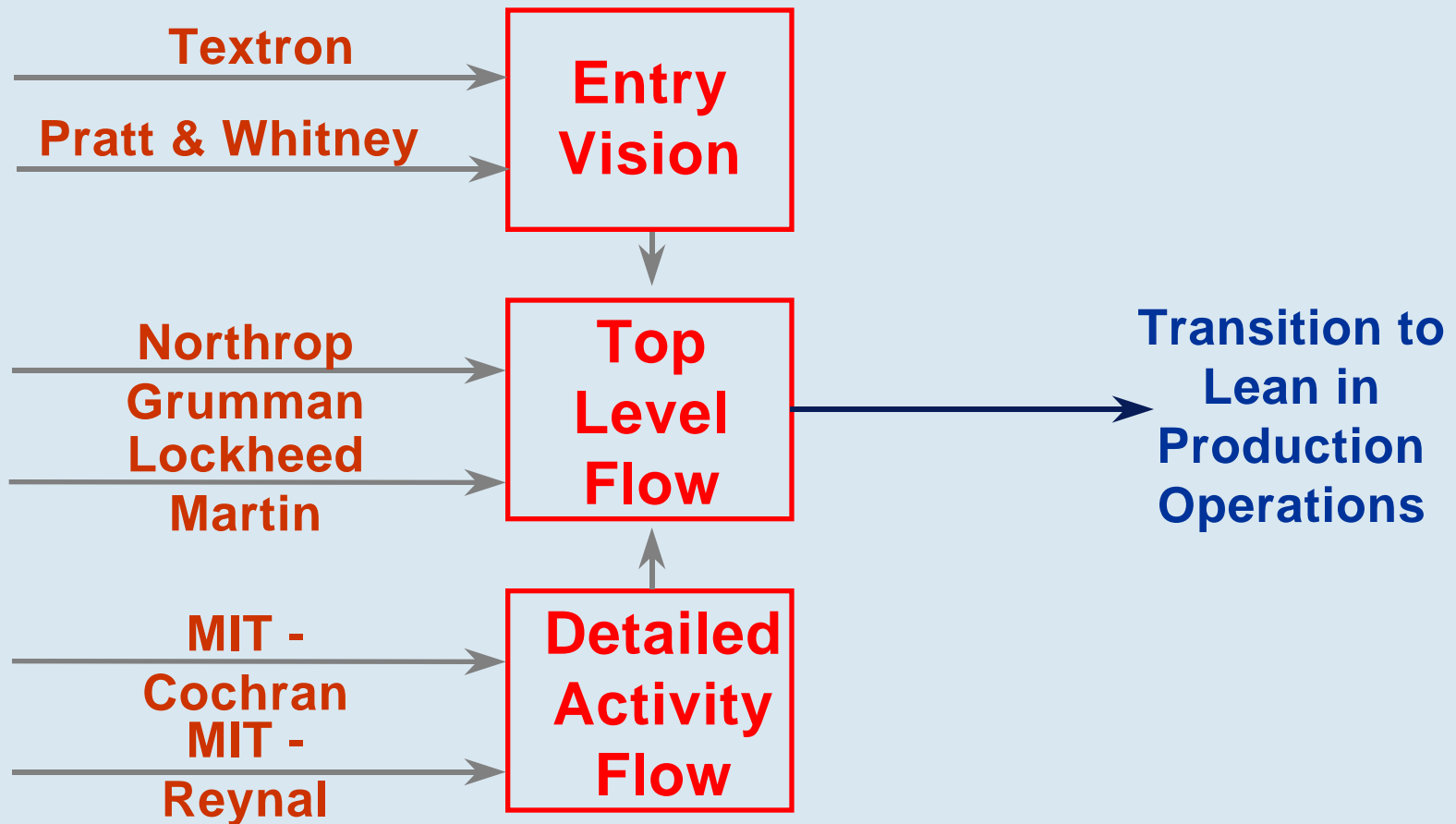
- **Develop understanding of each shared model**
- **Acknowledge each model's parameters**
- **Review pros and cons of each model**
- **Define requirements for a common model**
- **Integrate requirements and pros of each into a common TTL roadmap**
- **Review product with LAI team members**
- **Obtain feedback and suggestions on further improvements**

## ***Roadmap Requirements***

- **Consistency and synergy with enterprise TTL roadmap**
- **Show precedence order and continuous improvement loops**
- **Summarize scope and breadth on one page**
- **Provide common framework for communicating to all organizational levels**
- **Can be enhanced by providing a description manual to explain each phase and step within the phase**



# Model Integration into a Common Roadmap



# Production Operations Transition-To-Lean Roadmap

